

NAKACHI OSAMU

APPLICANT(s): NIPPON OIL & FATS CO LTD [000434] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 63-113614 [JP 88113614]  
FILED: May 12, 1988 (19880512)  
INTL CLASS: [4] A61K-031/195; A61K-031/195; C07C-103/66  
JAPIO CLASS: 14.4 (ORGANIC CHEMISTRY -- Medicine); 14.1 (ORGANIC CHEMISTRY -- Organic Compounds)  
JAPIO KEYWORD: R051 (PHARMACEUTICALS -- Anti-cancer Agents)  
JOURNAL: Section: C, Section No. 685, Vol. 14, No. 63, Pg. 71, February 06, 1990 (19900206)

ABSTRACT

PURPOSE: To obtain an agent for conquering the resistance to carcinostatic agents, free from side effect and exhibiting strong carcinostatic effect against resistant cancer, by using an N-docosaheptaenoyl-glutamate alkali metal salt as an active component.

CONSTITUTION: The objective agent can be prepared by using N-docosaheptaenoyl-glutamate alkali metal salt as an active component and converting the component into drug form by conventional process. It can be used in the form of soft capsule, hard capsule, iron agent, granule, injection or drip and is administered at a daily dose of 0.1-500mg/kg in terms of the N-docosaheptaenoyl-glutamate alkali metal salt. The N-docosaheptaenoyl-glutamate alkali metal salt can be produced e.g. by reacting an L-glutamic acid diester with docosaheptaenoic acid dichloride and converting the resultant N-docosaheptaenoyl-glutamic acid diester to an alkali metal salt with an alkali metal hydroxide.

?t 02905731/9

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02905731

CARCINOSTATIC AGENT

PUB. NO.: 01-203331 [JP 1203331 A]

PUBLISHED: August 16, 1989 (19890816)

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APPL. NO.: 63-025343 [JP 8825343]  
FILED: February 05, 1988 (19880205)  
INTL CLASS: [4] A61K-031/685

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B15

JAPIO CLASS: 14.4 (ORGANIC CHEMISTRY -- Medicine); 14.1 (ORGANIC CHEMISTRY -- Organic Compounds)  
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JOURNAL: Section: C, Section No. 654, Vol. 13, No. 510, Pg. 16,  
November 15, 1989 (19891115)

ABSTRACT

PURPOSE: To provide an carcinostatic agent having low toxicity and excellent carcinostatic activity, by containing 1,2-didocosaheptaenoyl-phosphatidyl choline as an effective component.

CONSTITUTION: The carcinostatic agent contains 1,2-didocosaheptaenoyl-phosphatidyl choline as an effective component. The compound is obtained by dissolving docosaheptaenoic acid in dehydrated dichloromethane, reacting the acid with N,N'-dicyclohexylcarbodiimide, reacting the product with glycerophosphoryl choline and 4-dimethylaminopyridine in dehydrated dichloromethane, removing a catalyst from the crude product and subsequently carrying out the removal of the solvent, etc. The dose of the anticancer agent is generally a range of approximately 0.01-100mg/kg body weight per day for adults.

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02856029  
ANTICANCER AGENT

PUB. NO.: 01-153629 [JP 1153629 A]  
PUBLISHED: June 15, 1989 (19890615)  
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JAPIO CLASS: 14.4 (ORGANIC CHEMISTRY -- Medicine); 14.1 (ORGANIC CHEMISTRY -- Organic Compounds)  
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